

SAFETY DATA SHEET

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Maha Talc K-1CBRevision Date 2012.06.01
Issue Date 2012.06.01**1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION****CHEMICAL PRODUCT**Product name Maha Talc K-1CB
Chemical name TALC
Use of the substance Industrial use**COMPANY IDENTIFICATION**Company name Maha Chemicals (Asia) Pte Ltd
Address 51 Tuas West Drive, Singapore 638415.
Telephone +65 6863 1808
Emergency telephone +65 6863 1808
Fax +65 6863 1819**2. HAZARD IDENTIFICATION****GHS CLASSIFICATION OF THE SUBSTANCE****PHYSICAL HAZARDS**

Explosives	Not applicable	
Flammable gases	Not applicable	
Flammable aerosols	Not applicable	
Oxidizing gases	Not applicable	
Gases under pressure	Not applicable	
Flammable liquids	Not applicable	
Flammable solids	Not applicable	
Self-reactive substances and mixtures	Not applicable	
Pyrophoric liquids	Not applicable	
Pyrophoric solids	Not applicable	
Self-heating substances and mixtures	Not applicable	
Substances which, in contact with water, emit flammable gases		Not applicable
Oxidizing liquids	Not applicable	
Oxidizing solids	Not applicable	
Organic peroxides	Not applicable	

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HEALTH HAZARDS

Acute toxicity (oral)	No data available
Acute toxicity (skin)	No data available
Acute toxicity (inhalation: gas)	Not applicable
Acute toxicity (inhalation: vapor)	Not applicable
Acute toxicity (inhalation: dust, mist)	No data available
Skin corrosion / irritation	No data available
Serious eye damages / eye irritation	No data available
Respiratory sensitization	No data available
Skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	IARC Group 3
Reproductive toxicity	No data available
Specific target organ toxicity: single exposure	No data available
Specific target organ toxicity: repeated exposure	might induce a mild pneumoconiosis called Talcosis
Aspiration hazard	No data available

ENVIRONMENTAL HAZARDS

Aquatic toxicity (acute)	No data available
Aquatic toxicity (chronic)	No data available

GHS LABEL ELEMENTS,

SYMBOL	None
SIGNAL WORD	None
HAZARD STATEMENT	Talcosis

PRECAUTIONARY STATEMENT

Prevention

Do not handle until all safety precautions have been read and understood. Obtain special instructions before use.

Wear respiratory protection/protective gloves / protective clothing / eyes protection .

Use in a well-ventilated area. Do not breathe dust.

Wash hands thoroughly after handling.

Response

If inhaled Remove victim to fresh air and keep at rest in a position comfortable for breathing. If swallowed: Rinse mouth with water. Do not induce vomiting.

If in eyes Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If on skin Wash with plenty of soap and water.

If skin irritation occurs, get medical advice/attention. Get medical advice/attention if you feel unwell.

When leaking out, collect as much as possible to the container and so on. After that, spray

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and neutralize with an ammonia water, alcohol and so on, and then absorb it with sands.

If exposed or concerned Get medical attention/advice.

Storage

Store in a dry place.

Disposal

Dispose of contents / container to waste in accordance with local / regional / national / international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE	Substance or Mixture
CHEMICAL NAME	Talc, Hydrated magnesium silicate
CHEMICAL FORMULA	3MgO 4SiO ₂ H ₂ O
INCI NAME	TALC
PURITY	> 99
CAS No.	14807 -96-6
EINECS No.	238 -877-9
HAZARDOUS INGREDIENT	Asbestos not more than 0.1 wt % not include SVHC

4. FIRST-AID MEASURES

INHALATION

Move the victim to fresh air.
Seek medical attention / advice if necessary.

SKIN CONTACT

Wash exposed area with soap and water .

EYE CONTACT

Direct contact can cause irritation.
Wash the affected eye copiously by clean water
If eye irritation persists, seek medical advice/attention.

INGESTION

No adverse effects having been observed.
Gargle the victim's throat or vomit by touching his throat with the finger

5. FIRE-FIGHTING MEASURES

Not flammable, not explosive
Extinguishing media none required
Fire-fighting procedures none required

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6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wearing protective equipment appropriate for the dust levels anticipated – see Section 8.

ENVIRONMENTAL PRECAUTIONS

Talc does not contain any environmental pollutant.

Dispose of in accordance with national and local laws and regulations.

METHODS FOR CLEANING UP

Clean up with vacuum cleaner and/or shovel .

Talc accumulations on walking surface will cause very slippery conditions. The floor should be thoroughly vacuumed or flushed with water.

7. HANDLING AND STORAGE

7.1 HANDLING

Avoid generating dust.

Wear protective equipment measures described in Chapter 8, and wear appropriate protective equipment. Set the local exhaust or general ventilation if the dust exists in excess of the authorized levels.

Keep all floors and work areas clean.

7.2 STORAGE

Avoid generating dust.

Store in a dry area indoors.

Keep the product dry.

All normal packaging materials are recommended.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

FACILITY AND EQUIPMENT MEASURES

If necessary, install local ventilation or exhaust systems in the work areas.

EXPOSURE LIMITS

ACGIH TLV-TWA 2 mg/m³

OSHA Permissible Exposure Limit (PEL) 20mppcf

PERSONAL PROTECTIVE EQUIPMENT

- | | |
|-----------------------------|--------------------------------------|
| a. Respiratory protection | Approved dust masks should be worn. |
| b. Hand protection | Use protective gloves. |
| c. Eye protection | Protective goggles are recommended |
| d. Skin and body protection | Wear clean body - covering clothing. |

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	powder form
Color	white, off white to grey
Odor	none
pH	9 – 10
Flash point	none
Explosive properties	not applicable
Boiling point	not applicable
Melting point	dehydrated and decomposition at about 900
Real density	2.7 to 2.8
Solubility	Insoluble in water. Insoluble in common organic solvents

10. STABILITY AND REACTIVITY

STABILITY	Stable in a normal handling and storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS	none
MATERIALS TO AVOID	Strong acid such as aqua regia
HAZARDOUS DECOMPOSITION PRODUCTS	none

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	Not classified
CHRONIC TOXICITY	Possibility of chronic respiratory disease, Talcosis, because of long-term and heavy dust inhalation. Talcosis may lead to severe and permanent damage to the lung.
PCARCINOGENICITY	IARC; Group 3 (not classified to carcinogen) NTP; not listed as a carcinogen OSHA; not listed as a carcinogen

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE	no information found
ENVIRONMENTAL TOXICITY	no information found

13. DISPOSAL CONSIDERATIONS

Talc is not considered as a hazardous waste and can be disposed of in the same way as any non-toxic waste.
National and local regulations should be complied with when disposing of talc.

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14. TRANSPORT INFORMATION

Talc is not listed in the UN Classification.

Talc is listed classified as non-risk materials in the International Maritime Dangerous Goods Code (IMDG).

Bags should be positioned securely to avoid any sliding during transport.

15. REGULATORY INFORMATION

Talc is not classified as a dangerous substance; therefore no special labeling is required. However, dust levels are regulated and national and local regulations should be applied.

16. OTHER INFORMATION

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